Foxit®

User Manual

Foxit® PDF IFilter

For Desktop

Microsoft Partner

Silver Independent Software Vendor (ISV)

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Chapter 1 - Overview

Welcome to Foxit PDF IFilter -- a professional tool that helps you to index PDF files.

Foxit PDF IFilter is an application that extracts the contents, properties, bookmarks, annotations and attachments from PDF documents, index them, and return the indexed results to the search engine so that users can search PDF documents with keywords.

Foxit PDF IFilter supports PDF 1.7 specification and can be used in many Microsoft search engines, such as Windows Indexing Service, MSN Desktop Search, and all other products based on Microsoft Search technology. With Foxit PDF IFilter, all these search engines can find PDF files with ease.

Operation Systems

- Microsoft Windows® XP Home, Professional, or Tablet PC Edition with Service Pack 2 or 3 (32-bit & 64-bit).
- Windows Vista Home Basic, Home Premium, Business, Ultimate, or Enterprise with or without Service Pack 1 (32-bit & 64-bit).
- Windows 7 (32-bit & 64-bit).

If you want to run Foxit PDF IFilter on both desktop and server environment, please try the Foxit PDF IFilter **Server Version**. Foxit PDF IFilter Desktop Version and Foxit PDF IFilter share the same features and capabilities.

Why PDF IFilter?

PDF IFilter is necessary for several reasons:

- Microsoft creates and maintains office file formats, such as .doc, .xls, .ppt, etc. However, many other file formats are created and maintained by other companies. For example, PDF was created by Adobe.
- With the advantages of security, reliability and accessibility, PDF is now being used by more and more people all over the world.
- PDF IFilter is a plug-in that allows Microsoft search engines to index PDF files so that they become searchable. Without an appropriate PDF IFilter, contents of a PDF file cannot be indexed.

Why Foxit PDF IFilter?

Foxit PDF IFilter is favored by a large number of governments and well-known companies because of the following reasons:

- Foxit PDF IFilter helps to do index, which makes finding information much easier.
- Foxit PDF IFilter supports native 64-bit code.
- Smaller and faster than other PDF IFilters.
- Supports twelve languages. Please go to Language Support part for details.

How Foxit PDF IFilter works?

Foxit PDF IFilter acts as a plug-in for full-text search engines. A search engine usually works in two steps:

Step 1, the search engine goes through a designated place, e.g. a file folder or a database, and indexes all documents or newly modified documents, including PDF documents, in the background and creates internal data to store the indexed result.

Step 2, a user specifies some keywords for search and the search engine looks up the indexing result and responds to the user with all the documents that contains the keywords.

During Step 1, the search engine looks in the windows registry for appropriate IFilter implementations and uses those filters for indexing. It filters out embedded formatting and extracts text from the document and returns the result. Foxit PDF IFilter is one such implementation. Further information about the IFilter specification can be found on the Microsoft Web site.

Key Benefits

- Integrates with existing operating systems and tools within your company.
- Provides an easy solution to search within PDF documents located on the local computer, local network, and/or internet.
- Greatly increases your ability to accurately locate information.
- Much smaller and faster than PDF IFilters offered by other vendors.
- Supports searching and indexing PDFs by extracting subject, author and content of annotations.
- Supports Chinese/Japanese/Korean PDF documents.
- Supports native 64-bit code.

Chapter 2 - Getting Started

Installing Foxit PDF IFilter

- Download Foxit PDF IFilter from the Foxit Website (http://www.foxitsoftware.com). Foxit PDF IFilter has a 32-bit package and a 64-bit package. Please download accordingly
- Stop all appropriate clients.
- Uninstall any previous version of Foxit PDF IFilter.
- Make sure that Windows Desktop Search has been installed
- Double-click the downloaded Foxit PDF IFilter.msi file and follow the on-screen instructions.
- After installation completes, start all appropriate clients.

Notes:

1. *Foxit PDF IFilter appears in the list of programs on the Program Start Menu after installation.*
2. *Foxit PDF IFilter has no user interface.*

The installation package will unzip a language file called fpdfcjk.bin into the installation folder, which will help you to index PDF documents containing Chinese/Japanese/Korean characters.

Configuring Foxit PDF IFilter

Foxit PDF IFilter adds four configurable registry items under "HKEY_LOCAL_MACHINE\SOFTWARE\Foxit Software\Foxit PDF IFilter" directory:

FilterAnnotation[REG_DWORD] - sets the value to decide whether to filter out annotations. 0 represents no and other values represent yes.

FilterBookmarks[REG_DWORD] - sets the value to decide whether to filter out bookmarks. 0 represents no and other values represent yes.

FilterAttachFile [REG_DWORD] - sets the value to decide whether to filter out attachments. 0 represents no and other values represent yes.

LogLevel [REG_DWORD] - sets the log level. Value can be from 0 to 3.

0 - no output

1 - error log only. Includes error information when errors happen, and stack message when the application crashes.

2 - simple log which only includes the main calling functions and returned values.

3 - detailed log which includes specific information such as date, and chunk.

LogFilePath [REG_SZ] – sets the output path of log file.

Note: The default setting in Foxit PDF IFilter is to filter out bookmarks, but it doesn't filter out attachments and any log information either. Restart application if you made any changes to the registry.

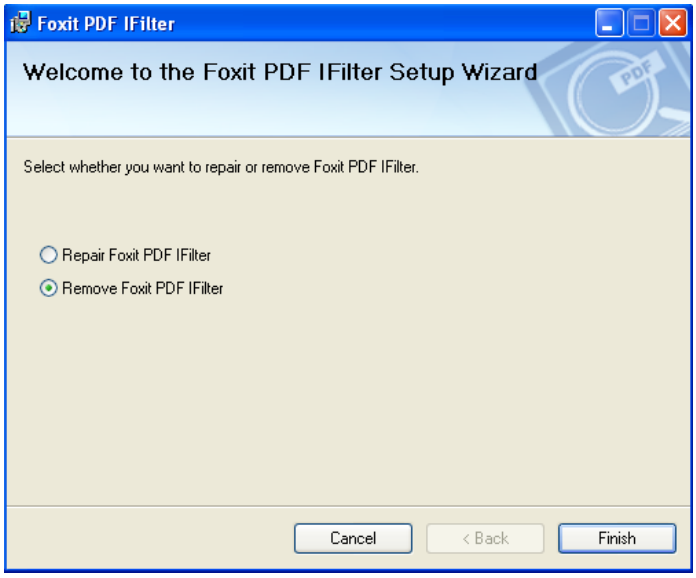
Updating Foxit PDF IFilter

You need to uninstall the old version of Foxit PDF IFilter to install the new one. You do not have to reboot your machine after update.

Foxit PDF IFilter consists of a core layer and an installation layer. When you upgrade the installation layer, you do not need to re-do a full index. But when you upgrade the core layer, you can decide if you need to rebuild index on your computer according to the importance of the updates by checking "Pricing & Upgrades" on the Foxit Official Website.

Uninstalling Foxit PDF IFilter

- Open the Start Menu and select "Control Panel".
- Click on the "Add or Remove Programs" tab.
- Click on the "Foxit PDF IFilter" record and then on the "Remove" button to uninstall it.
- Or you can double-click the Foxit PDF IFilter.msi setup file that you have used to install Foxit PDF IFilter, and do the following:
- In the Foxit PDF IFilter dialog box, select Remove Foxit PDF IFilter.


Foxit PDF IFilter
Welcome to the Foxit PDF IFilter Setup Wizard
Select whether you want to repair or remove Foxit PDF IFilter.
Repair Foxit PDF IFilter
Remove Foxit PDF IFilter
Cancel
< Back
Finish

- Click the Finish button to uninstall.

Chapter 3 - Foxit PDF IFilter for WDS

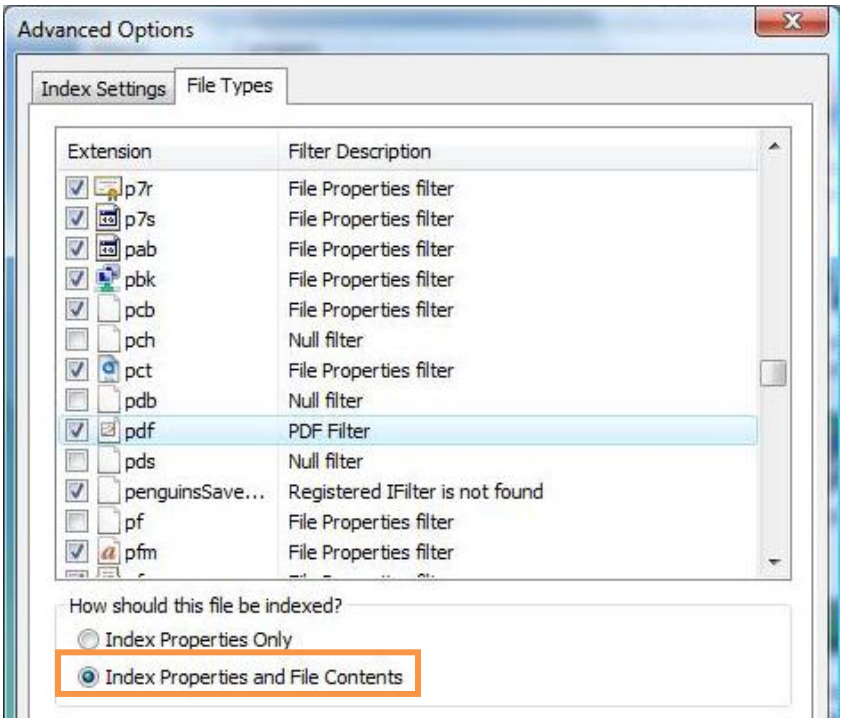
Foxit PDF IFilter is able to search text in PDF files, Email PDF attachments, and PDFs in Database Fields (BLOB), etc. After you install Foxit PDF IFilter, you should index all documents and re-build index data with Windows Desktop Search (WDS) before you start a search.

Working in Windows 7 and Windows Vista

WDS functionality is already built into Windows 7 and Windows Vista.

Indexing PDFs

With Foxit PDF IFilter, you can index PDF properties and file contents. After installing Foxit PDF IFilter, please note that "Index Properties and File Contents" will be selected automatically in File Types tab of Advanced Options dialog box.



The Advanced Options dialog box with Foxit PDF IFilter

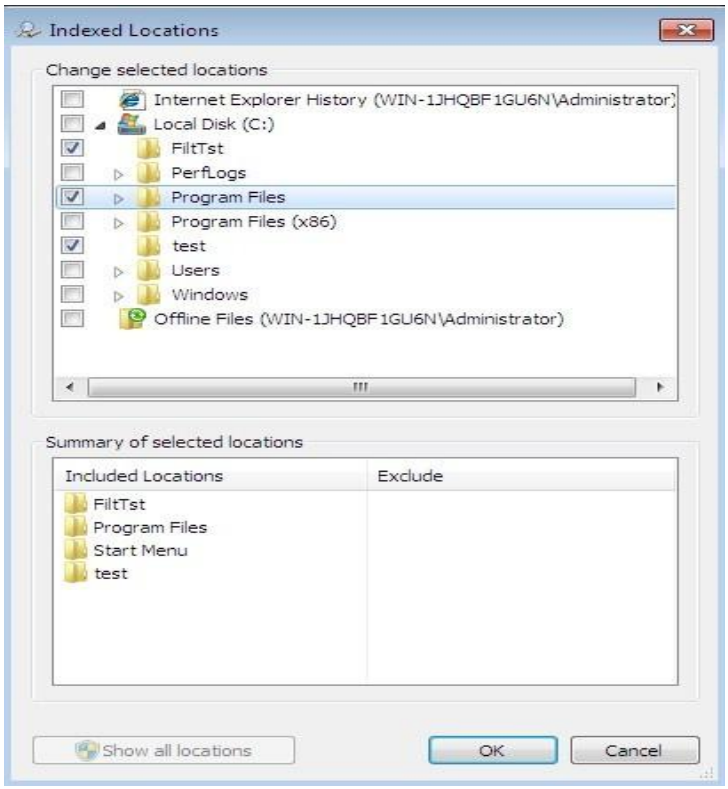
Note: *Before installing the Foxit PDF IFilter, "Index Properties Only" is selected by default.*

Setting index locations

You can have Microsoft Windows Desktop Search index any locations that contain PDF files. Once the index is complete, Windows Desktop Search is able to use this index to find text in PDF quickly. Please make sure all desired locations are included.

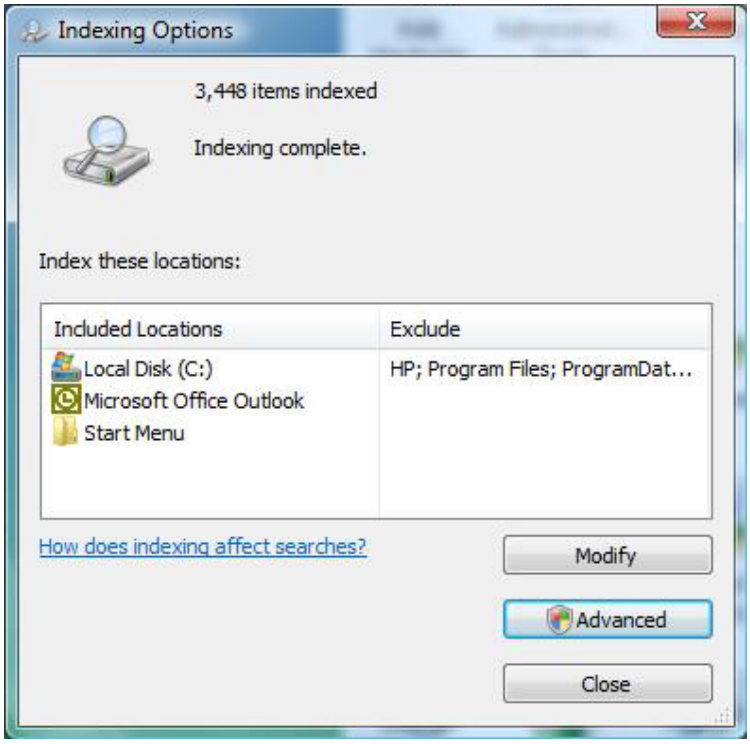
To select the locations where PDF files exist and you want to search, do the following:

- Select Start > Control Panel > Indexing Options to open the Indexing Options tool.
- Click the Modify button to add or subtract specific files/folders from the search index.
- In the Indexed Locations dialog box, select the locations that you want, and click OK.



Indexing selected items

Once you select the locations and click OK, Windows Desktop Search will start the indexing task automatically.



Indexing complete

Notes:

1. *If you just installed Foxit PDF IFilter or the IFilter has just been upgraded, you'll have to index all documents and rebuild index data.*
2. *Windows Desktop Search updates the index every time that you add or change a file or an e-mail message. You don't need to re-index PDF files unless the IFilter is reinstalled or updated.*

Searching PDFs

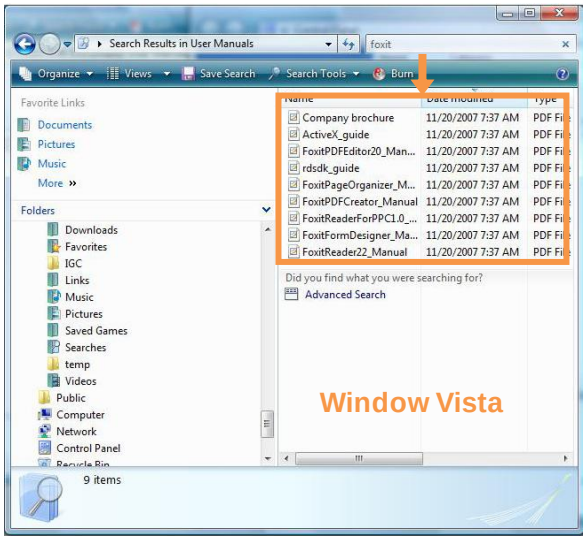
After you finish indexing PDF files, you can start a search for the contents and properties such as author, title, etc. of your files.

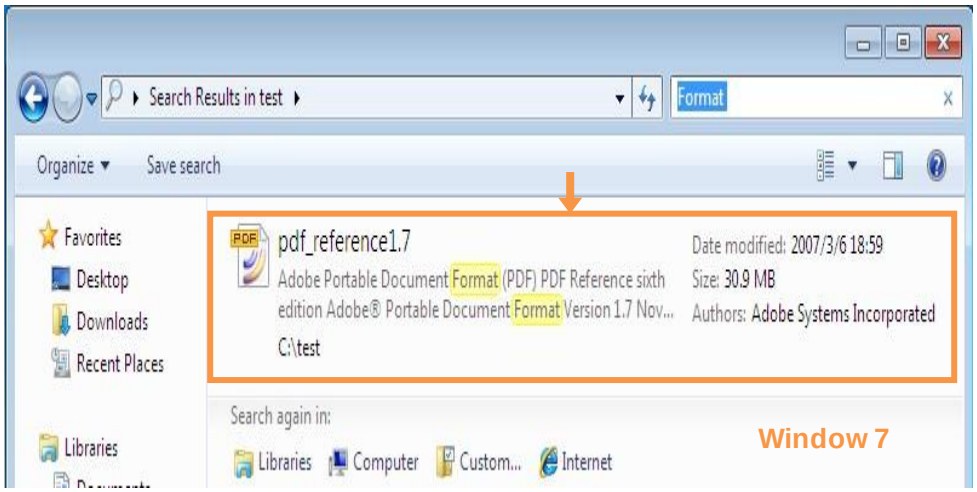
To start a search, do the following:

- Click to open a drive or a folder that contains the PDF file that you want to search.
- Type your search words in the search box at the top right corner of the window.

The search box

- Windows Desktop Results appear immediately as you type the search words.





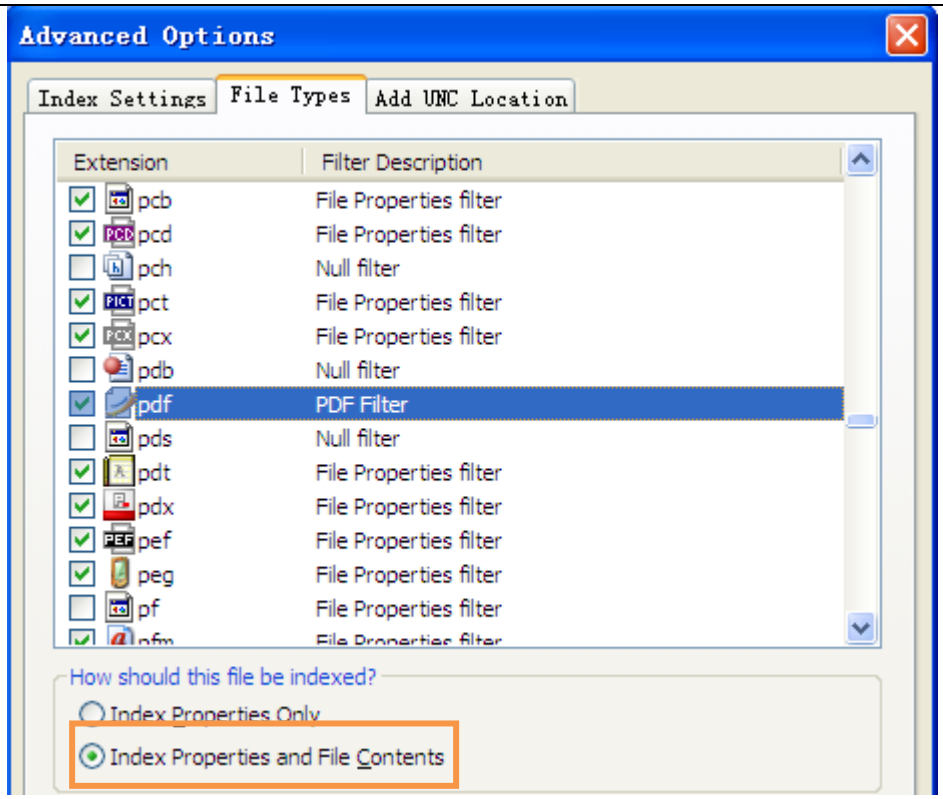
Search results

- Double-click one of the search results to open it with your default PDF Reader.You can select “How does indexing affect searches” in Indexing Options for more help.

Working in Windows XP and Other Operating Systems

Indexing PDFs

With Foxit PDF IFilter, you can index PDF properties and file contents. But before installing Foxit PDF IFilter, Index Properties Only is selected by default in File Types tab of Advanced Options dialog box.



The Advanced Options dialog box with Foxit PDF IFilter

Setting search locations

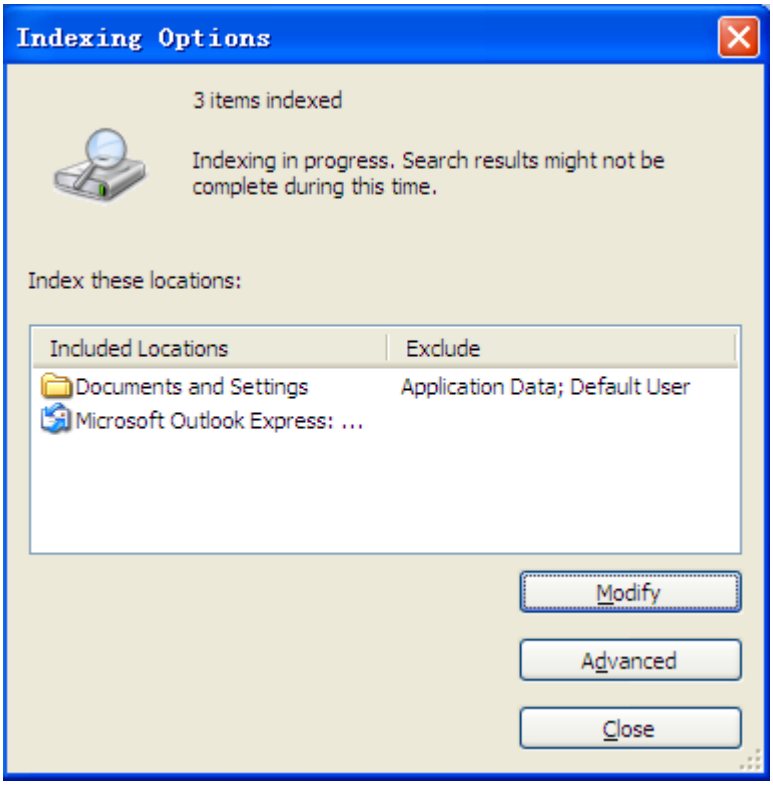
By default, Windows Desktop Search indexes your e-mail files and files saved in the My Documents folder. However, you can have Microsoft Windows Desktop Search index other locations.

To select the locations where PDF files exist and you want to search, do the following:

- Right-click the indexing icon in the notification area of the Windows taskbar > click Windows Desktop Search Options > click the Modify button.
- In the Indexed Locations dialog box, select the locations that you want, and then click OK.

Indexing selected items

- Once you select the locations and click OK, Windows Desktop Search will start the indexing task.



Indexing in progress

- Or right-click the indexing icon in the notification area of the Windows taskbar > click Index Now.

To check the indexing process, right-click the indexing icon in the notification area of the Windows taskbar > click Indexing Status.

Notes:

1. *If you just installed Foxit PDF IFilter or the IFilter has just been upgraded, you'll have to index all documents and rebuild index data.*
2. *Windows Desktop Search updates the index every time that you add or change a file or an e-mail message, because of which, you don't need to re-index PDF files unless the IFilter is reinstalled or updated.*

Searching PDFs

After you finish indexing PDF files, you can start a search to find text within PDF files. Also, you can search PDF document properties, such as author, title, etc.

There are two search boxes for you to search PDF files – Deskbar search box and Microsoft Windows Desktop search box in the main window of Windows Desktop Search.

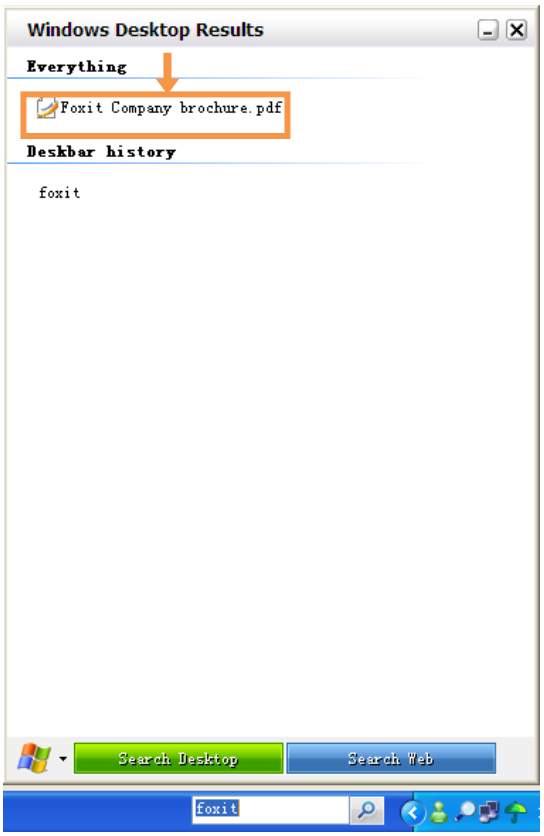
Searching with deskbar search box

To start a search with deskbar search box, do the following:

- Type your search words in the Deskbar search box.

The search box

- Windows Desktop Results appear immediately as you type the search words.

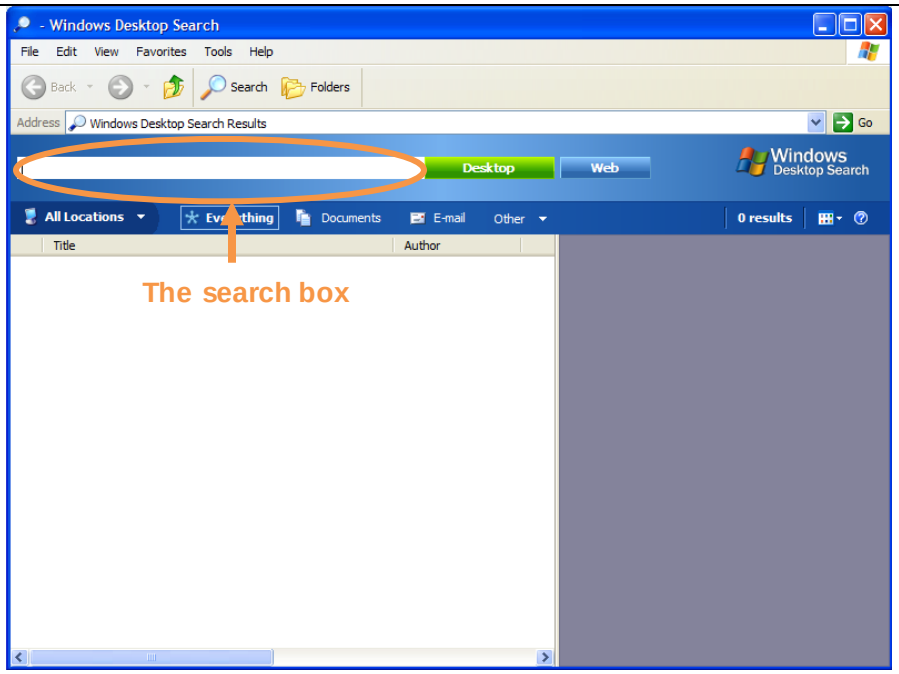


- Click one of the search results to open it with your default PDF Reader.

Searching with Microsoft Windows Desktop search box

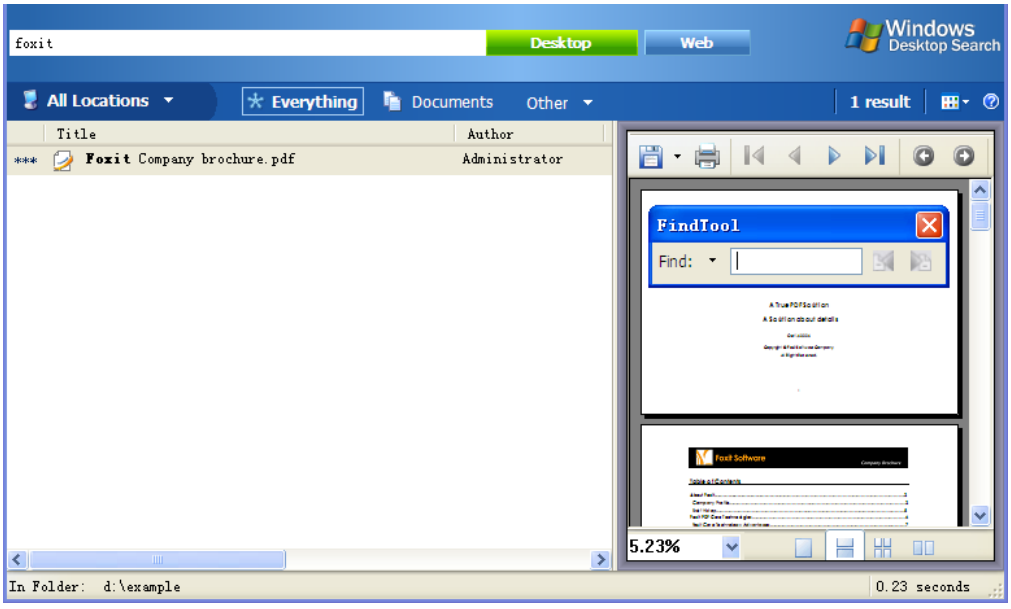
You can type either in the search box on the taskbar or the Microsoft Windows Desktop Search box in the main window of Windows Desktop Search.

- To open the main window of Windows Desktop Search, click the search icon or select Search Now by right-clicking the indexing icon in the notification area of the Windows taskbar.



The main window of Windows Desktop Search

- Type your search in the Microsoft Windows Desktop Search box in the main window of Windows Desktop Search > Press Enter to search your desktop, or click Web to search the web.
- Click one of the search results so that you can get a quick view in the preview pane.
- To search text in the preview pane, use Ctrl + F to activate FindTool dialog box.



More Help

For more information on how to work with Windows Desktop Search, please refer to Windows Desktop Search Help included in the product.

Chapter 4 - Additional Information

Microsoft Developer Support

Foxit PDF IFilter is a Dynamic Link Library (DLL) file that provides a bridge between a Microsoft indexing client and a library of PDF files. It consists of code that understands the PDF Format as well as code that can interface with the indexing client. When an indexing client needs to index content from PDF files, it will look in its registry for an appropriate DLL and will find the Foxit PDF IFilter. Foxit PDF IFilter will return text to the indexing client. The indexing client will then index the results and return the appropriate results to the user.

Language Support

This section lists languages supported by Foxit PDF IFilter.

- German
- French
- Italian
- English
- Spanish
- Portuguese
- Russian
- Chinese (traditional and simplified)
- Korean
- Japanese

Contact Us

Feel free to contact us should you need any information or have any problems with our products. We are always here, ready to serve you better.

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